

THIS MAP IS PRELIMINARY AND HAS NOT BEEN REVIEWED FOR CONFORMITY WITH U S GEOLOGICAL SURVEY STANDARDS AND NOMENCLATURE.

GRAVITY SURVEYS 1960 TO 1975

GRAVITY INVESTIGATIONS PARTIALLY SUPPORTED BY ALASKA DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS AND US OFFICE OF NAVAL RESEARCH

DATA REDUCED WITH THE 1967 INTERNATIONAL ELLIPSOID
PLOT DATE: 1 /10/76

GENERALIZED SIMPLE BOUGUER ANOMALY CONTOURS.

DASHED WHERE POORLY CONTROLLED. AND SMOOTHED
TO AVOID DISCREPANCIES CAUSED BY LOCAL TERRAIN
CONTOUR INTERVAL. 10 MILLIGALS

STATION

LOCATION

SIMPLE BOUGUER ANOMALY
IN MILLIGALS

STATION IDENTIFICATION

## BARTER ISLAND GRAVITY DATA

BY DAVID F BARNES, BYRON D RUPPEL, AND IRVIN L TAILLEUR U S GEOLOGICAL SURVEY 1976 GRAVITY DATUM FROM: BARNES, D.F., US GEOLOGICAL SURVEY OPEN FILE REPORTS, 1968 & 1972, ADJUSTED TO THE 1971 INTERNATIONAL GRAVITY NET (IGSN 71)

SIMPLE BOUGUER ANOMALY BASED ON A DENSITY OF 2670 KILOGRAMS PER CUBIC METRE

BARTER ISLAND ALASKA

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